

DATE: May 31, 2019

TO: Todd Wyett, Chairman
State Transportation Commission

FROM: Paul C. Ajegba
Director

SUBJECT: Waiver of Commission Approval

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on June 7, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate seven-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on May 3, 2019. The low bids received were more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate seven-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on July 18, 2019, would delay the transmittal of the contract documents to the low bidder, and jeopardize the construction schedule.

The project and description documented in Exhibit A-3, attached, was let on May 3, 2019. The project is being submitted for informational purposes since only one bid was received for this project and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

"If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days."

If the waiver is granted, the Department will proceed to execute the items noted above.

Signed copy of file

Director

The request for waiver of Commission approval of the above-mentioned item is approved.

Signed copy on file

Todd Wyett, Chairman

May 29, 2019

Date

REQUEST FOR MICHIGAN STATE TRANSPORTATION

COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

May 31, 2019

STATE PROJECTS

- | | | |
|----|---|--|
| 1. | Letting of June 7, 2019
Letting Call: 1906 010
Project: ST 13016-125818-2
Local Agreement:
Start Date: July 8, 2019
Completion Date: June 30, 2020 | Prequalification Level:
\$3,626,000.00 |
|----|---|--|

Bridge reconstruction with 60-inch prestressed concrete bulb-tee beams, steel diaphragms, cofferdams, concrete bridge approach, curb and gutter, hot mix asphalt approach reconstruction, culverts, sewer, drainage, signage, guardrail and pavement markings on M-311 over the Kalamazoo River, Calhoun County.

4.00 % DBE participation required

- | | | |
|----|--|--|
| 2. | Letting of June 7, 2019
Letting Call: 1906 011
Project: M 30834-132112
Local Agreement:
Start Date: July 8, 2019
Completion Date: August 31, 2019 | Prequalification Level:
\$950,000.00 |
|----|--|--|

3.89 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, and sidewalk ramps, slope restoration and pavement markings on Old M-99 (Beck Road) both north and south sections and on M-99 from Steamburg Road north to Hallett Street in the cities of Hillsdale and Jonesville, Hillsdale County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

3. Letting of June 7, 2019
Letting Call: 1906 012
Project: M 47041-132122, ETC
Local Agreement:
Start Date: July 8, 2019
Completion Date: November 15, 2019

Prequalification Level:
\$1,296,000.00

4.03 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, shoulder gravel, signals and pavement markings on M-36 from Kelly Road easterly to the east limits of the village of Pinckney, in the village of Pinckney, Livingston County. This project includes two 3-year materials and workmanship pavement warranties.

3.00 % DBE participation required

4. Letting of June 7, 2019
Letting Call: 1906 016
Project: HSIP 70023-123859
Local Agreement:
Start Date: September 9, 2019
Completion Date: June 3, 2020

Prequalification Level:
\$648,000.00

0.37 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, drainage, signals and pavement markings on I-196BL at 112th Avenue, Ottawa County.

4.00 % DBE participation required

5. Letting of June 7, 2019
Letting Call: 1906 035
Project: IMG 82022-131035
Local Agreement:
Start Date: 10 days after award
Completion Date: November 14, 2019

Prequalification Level:
\$2,623,000.00

4.38 mi of freeway sign upgrading along I-94 from Outer Drive to Wyoming Avenue in the cities of Allen Park and Dearborn, Wayne County.

0.00 % DBE participation required

6. Letting of June 7, 2019
Letting Call: 1906 036
Project: HSIP 18032-124054
Local Agreement:
Start Date: July 29, 2019
Completion Date: June 5, 2021

Prequalification Level:
\$1,151,000.00

0.77 mi of hot mix asphalt cold milling and resurfacing, widening for center left turn lane including drainage and safety improvements on US-127BR from Bilkare Road to Stockwell Road, Clare County. This project includes a 5-year materials and workmanship pavement warranty.

4.00 % DBE participation required

7. Letting of June 7, 2019
Letting Call: 1906 037
Project: M 03023-204557
Local Agreement:
Start Date: July 15, 2019
Completion Date: November 15, 2019
- Prequalification Level:
\$552,000.00

Partial deck replacement including bridge railing, joints, concrete curb and gutter, sidewalk and pavement markings on M-89 over the Kalamazoo River, Allegan County.

0.00 % DBE participation required

8. Letting of June 7, 2019
Letting Call: 1906 039
Project: EDA 52061-202778
Local Agreement: 19-5176
Start Date: 10 days after award
Completion Date: September 27, 2019
- Prequalification Level:
\$505,000.00

0.25 mi of hot mix asphalt reconstruction for intersection reconfiguration, concrete curb and gutter, signing, pavement markings, and centerline and shoulder corrugations on M-28 at Acre Trail Road, Marquette County.

0.00 % DBE participation required

9. Letting of June 7, 2019
Letting Call: 1906 040
Project: HSIP 82112-127749
Local Agreement:
Start Date: July 8, 2019
Completion Date: November 15, 2019
- Prequalification Level:
\$1,344,000.00

Dynamic speed feedback signs, delineators, signing and pavement markings on various routes at 34 ramp locations in the cities of Novi, Dearborn, and Detroit, Oakland, Wayne and Macomb Counties.

3.00 % DBE participation required

10. Letting of June 7, 2019
Letting Call: 1906 042
Project: GF19 82121-204003
Local Agreement: 18-5527, 19-5229
Start Date: 10 days after award
Completion Date: September 20, 2022
- Prequalification Level:
\$14,656,000.00

2.80 mi of hot mix asphalt cold milling and resurfacing, concrete paving, curb, driveway, sidewalk and ramps, water main, lighting, signals and pavement markings on M-5 from east of the Rouge River to east of M-39 in the city of Detroit, Wayne County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

11. Letting of June 7, 2019
Letting Call: 1906 065
Project: M 82701-201433
Local Agreement:
Start Date: 10 days after award
Completion Date: August 16, 2019
- Prequalification Level:
\$514,000.00

1.50 mi of hot mix asphalt cold milling and resurfacing, pavement repair, concrete curb, gutter and sidewalk ramps and pavement markings on Oakway Drive from Portage Way to Lakeside Drive, on Central Avenue from Portage Way to Lakeside Drive and on Vista Drive from Lotter Way to the Strand on Belle Isle in the city of Detroit, Wayne County. This project includes two 3-year materials and workmanship pavement warranties.

0.00 % DBE participation required

12. Letting of June 7, 2019
Letting Call: 1906 070
Project: M 63041-207892
Local Agreement:
Start Date: July 8, 2019
Completion Date: October 5, 2019
- Prequalification Level:
\$737,000.00

10.06 mi of hot mix asphalt skip patching, longitudinal joint repairs with asphalt repair mastic and pavement markings on various routes, Oakland County.

0.00 % DBE participation required

LOCAL PROJECTS

13. Letting of June 7, 2019
Letting Call: 1906 001
Project: STU 63000-205557
Local Agreement: 19-5235
Start Date: July 22, 2019
Completion Date: June 1, 2020
- Prequalification Level:
\$1,418,000.00

1.38 mi of full depth concrete pavement, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on 9 Mile Road from Pilgrim Avenue to Dequindre Road in the city of Hazel Park, Oakland County. This is a Local Agency project.

0.00 % DBE participation required

14. Letting of June 7, 2019
Letting Call: 1906 002
Project: STUL 70000-130785
Local Agreement: 19-5228
Start Date: 10 days after award
Completion Date: August 16, 2019
- Prequalification Level:
\$834,000.00

1.72 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk, sidewalk ramps and pavement markings on Comstock Street from 168th Avenue to Mercury Drive, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|--|--|
| 15. | Letting of June 7, 2019
Letting Call: 1906 003
Project: STU 63000-203423
Local Agreement: 19-5204
Start Date: August 12, 2019
Completion Date: November 8, 2019 | Prequalification Level:
\$800,000.00 |
|-----|--|--|

0.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, pavement repairs, signing and pavement markings on South Milford Road from the south village limit of Milford to General Motors Road in the village of Milford, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|--|--|
| 16. | Letting of June 7, 2019
Letting Call: 1906 007
Project: BRT 78000-133086
Local Agreement: 19-5242
Start Date: 10 days after award
Completion Date: May 31, 2020 | Prequalification Level:
\$1,519,000.00 |
|-----|--|--|

Bridge removal and replacement, guardrail and approach work on Kalamazoo Street over White Pigeon River, St. Joseph County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|--|--|
| 17. | Letting of June 7, 2019
Letting Call: 1906 008
Project: BHT 41000-205168
Local Agreement: 19-5221
Start Date: 10 days after award
Completion Date: May 30, 2020 | Prequalification Level:
\$1,193,000.00 |
|-----|--|--|

Bridge removal and replacement with a precast three-sided culvert and approach work on 76th Street over Buck Creek, Kent County. This is a Local Agency Project.

3.00 % DBE participation required

18. Letting of June 7, 2019
Letting Call: 1906 009
Project: HRRR 77000-203474
Local Agreement: 19-5241
Start Date: July 8, 2019
Completion Date: June 19, 2020
- Prequalification Level:
\$652,000.00

0.75 mi of hot mix asphalt and concrete roundabout construction including concrete curb and gutter, culverts, drainage, sewer and pavement markings on Wadhams Road at Fred Moore Highway, St. Clair County. This is a Local Agency project.

3.00 % DBE participation required

19. Letting of June 7, 2019
Letting Call: 1906 017
Project: NH 82000-203546
Local Agreement: 19-5199
Start Date: July 15, 2019
Completion Date: October 15, 2019
- Prequalification Level:
\$2,835,000.00

1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, sidewalk and ramps, signing and pavement markings on Eureka Road from Toledo Road to Fort Street (M-85) in the city of Southgate, Wayne County. This is a Local Agency project.

5.00 % DBE participation required

20. Letting of June 7, 2019
Letting Call: 1906 018
Project: STL 63000-205136
Local Agreement: 19-5252
Start Date: 10 days after award
Completion Date: May 3, 2020
- Prequalification Level:
\$2,559,000.00

7.63 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalks, sidewalk ramps, culverts, sewer, drainage, guardrail and pavement markings on Dixie Highway from Oak Hill Road to I-75, Oakland County. This is a Local Agency project.

4.00 % DBE participation required

21. Letting of June 7, 2019
Letting Call: 1906 019
Project: EDF 28000-203216
Local Agreement: 19-5244
Start Date: July 15, 2019
Completion Date: September 20, 2019
- Prequalification Level:
\$1,321,000.00

1.97 mi of hot mix asphalt cold milling and resurfacing and chip seal interlayer on Garfield Road from Hammond Road to Airport Road and on Three Mile Road from Airport Road to Parsons Road, Grand Traverse County. This is a Local Agency project.

3.00 % DBE participation required

22. Letting of June 7, 2019
Letting Call: 1906 020
Project: MCS 33000-129384
Local Agreement: 19-5243
Start Date: 10 days after award
Completion Date: May 8, 2020
- Prequalification Level:
\$1,158,000.00

Bridge removal and replacement with a precast concrete box culvert and approach work on Mill Street over Huntoon Creek in the city of Leslie, Ingham County. This is a Local Agency project.

0.00 % DBE participation required

23. Letting of June 7, 2019
Letting Call: 1906 021
Project: EDF 46000-207823
Local Agreement: 19-5232
Start Date: 10 days after award
Completion Date: November 1, 2019
- Prequalification Level:
\$845,000.00

2.45 mi of hot mix asphalt cold milling and resurfacing, joint repair, aggregate shoulders and pavement markings on Tecumseh Clinton Highway from the south village limits of Clinton Village to the north city limits of Tecumseh, Lenawee County. This is a Local Agency project.

0.00 % DBE participation required

24. Letting of June 7, 2019
Letting Call: 1906 022
Project: TA 81000-204944
Local Agreement: 19-5209
Start Date: June 17, 2019
Completion Date: September 20, 2021
- Prequalification Level:
\$750,000.00

0.59 mi of installation of concrete curb and gutter, sidewalk, sidewalk ramps, driveway, sewer, drainage, retaining wall, signage and pavement markings on various routes in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

4.00 % DBE participation required

25. Letting of June 7, 2019
Letting Call: 1906 023
Project: STUL 38000-130209
Local Agreement: 19-5233
Start Date: 10 days after award
Completion Date: November 15, 2019
- Prequalification Level:
\$745,000.00

0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk and pavement markings on Laurence Avenue from the railroad just north of Michigan Avenue to Argyle Street, Jackson County. This is a Local Agency project.

3.00 % DBE participation required

26. Letting of June 7, 2019
Letting Call: 1906 024
Project: STU 81000-203552
Local Agreement: 19-5230
Start Date: July 8, 2019
Completion Date: October 19, 2019
- Prequalification Level:
\$608,000.00

0.71 mi of hot mix asphalt realignment of intersection, concrete curb and gutter, sidewalk, sidewalk ramps, driveway, drainage, sewer, retaining wall and pavement markings on Dhu Varren Road from Omelsaad Drive to Nixon farm property in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

5.00 % DBE participation required

27. Letting of June 7, 2019
Letting Call: 1906 025
Project: STU 23000-133078
Local Agreement: 19-5213
Start Date: July 8, 2019
Completion Date: September 30, 2019
- Prequalification Level:
\$572,000.00

0.75 mi of hot mix asphalt cold milling and resurfacing, base stabilization, curb repairs, drainage, sidewalk and pavement markings on Mall Drive West from Saginaw Highway (M-43) to Elmwood Road, Eaton County. This is a Local Agency project.

5.00 % DBE participation required

28. Letting of June 7, 2019
Letting Call: 1906 026
Project: STU 81000-205586
Local Agreement: 19-5231
Start Date: June 17, 2019
Completion Date: September 15, 2019
- Prequalification Level:
\$537,000.00

0.83 mi of hot mix asphalt cold milling and overlay, concrete pavement repair, curb, gutter, sidewalk and ramps, drainage and pavement markings on South Congress Street from Mansfield Street to Elm Street, on Huron Street from Forest Avenue to Cross Street and on Harriet Street from Hamilton Street to Huron Street in the city of Ypsilanti, Washtenaw County. This is a Local Agency project.

4.00 % DBE participation required

29. Letting of June 7, 2019
Letting Call: 1906 030
Project: AID 77000-204206
Local Agreement: 19-5246
Start Date: July 8, 2019
Completion Date: June 1, 2020
- Prequalification Level:
\$992,000.00

Bridge removal and replacement and approach work on Starville Road over Beaubien Creek, St. Clair County. This is a Local Agency project.

3.00 % DBE participation required

30. Letting of June 7, 2019
Letting Call: 1906 031
Project: BO 73000-133035
Local Agreement: 19-5238
Start Date: 10 days after award
Completion Date: June 12, 2020
- Prequalification Level:
\$976,000.00

Bridge replacement and approach work on Orr Road over Marsh Creek, Saginaw County. This is a Local Agency project.

3.00 % DBE participation required

31. Letting of June 7, 2019
Letting Call: 1906 043
Project: MCS 38011-123026
Local Agreement: 19-5254
Start Date: 10 days after award
Completion Date: July 31, 2020
- Prequalification Level:
\$3,452,000.00

Bridge replacement with prestressed concrete beams, approach work, steel piling, concrete curb and gutter, sidewalk, drainage, guardrail and pavement markings on Michigan Avenue over Amtrak Railroad and Railroad Street, Jackson County. This is a Local Agency project.

0.00 % DBE participation required

32. Letting of June 7, 2019
Letting Call: 1906 044
Project: STUL 38000-207146
Local Agreement: 19-5259
Start Date: 10 days after award
Completion Date: August 28, 2020
- Prequalification Level:
\$2,119,000.00

0.44 mi of hot mix asphalt reconstruction includes removal of composite pavement, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, water main, storm sewer, traffic signals street lighting and pavement markings on Greenwood Avenue and Jackson Street in the city of Jackson, Jackson County. This is a Local Agency project.

5.00 % DBE participation required

33. Letting of June 7, 2019
Letting Call: 1906 045
Project: M 82000-203511 , ETC
Local Agreement: 19-5161, 19-5236
Start Date: 10 days after award
Completion Date: October 15, 2019
- Prequalification Level:
\$1,373,000.00

1.57 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, signing and pavement markings on Edward N Hines Drive from Outer Drive to M-153 (Ford) Ramps, cities of Dearborn and Dearborn Heights, Wayne County. This project includes a 5-year material and workmanship pavement warranty. This is a Local Agency project.

3.00 % DBE participation required

34. Letting of June 7, 2019
Letting Call: 1906 046
Project: STU 25000-130635
Local Agreement: 19-5248
Start Date: July 8, 2019
Completion Date: June 30, 2020
- Prequalification Level:
\$1,266,000.00

0.43 mi of Road reconstruction includes roundabout, pavement removal, earth excavation, embankment, sidewalk ramps and pavement markings on North Road from Torrey Road to Oak Park Drive in the city of Fenton, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

35. Letting of June 7, 2019
Letting Call: 1906 047
Project: STU 81000-203519
Local Agreement: 19-5211
Start Date: 10 days after award
Completion Date: August 16, 2019
- Prequalification Level:
\$1,050,000.00

2.86 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, adjust drainage structures, traffic loops, traffic signal and pavement markings on Ellsworth Road from Hewitt Road to Michigan Avenue, Forest Avenue from the city limits of Ypsilanti to Ford Boulevard and Main Street from Six Mile Road to East Shore Drive, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

36. Letting of June 7, 2019
Letting Call: 1906 048
Project: STL 70555-129681
Local Agreement: 19-5154
Start Date: 10 days after award
Completion Date: August 2, 2019
- Prequalification Level:
\$705,000.00

1.50 mi of hot mix asphalt resurfacing, trenching, shoulder widening and pavement marking on Leonard Street from Linden Drive east to 24th Avenue, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

37. Letting of June 7, 2019
Letting Call: 1906 051
Project: TA 81000-202251
Local Agreement: 19-5226
Start Date: 10 days after award
Completion Date: November 30, 2019
- Prequalification Level:
\$2,030,000.00

2.20 mi of hot mix asphalt shared use path, concrete retaining wall and sidewalk ramps, drainage, culverts, signing, restoration and pavement markings along M-52 from Green Lake Camp Drive to North Territorial Road, Washtenaw County. This is a Local Agency project.

5.00 % DBE participation required

38. Letting of June 7, 2019
Letting Call: 1906 052
Project: HSIP 63000-203458
Local Agreement: 19-5251
Start Date: July 5, 2019
Completion Date: December 24, 2019
- Prequalification Level:
\$653,000.00

Removal of diagonal span signals and replace with mast arm traffic signals, pedestrian signals and ADA ramps on Beck Road at Pontiac Trail and Haggerty Road at 14 Mile Road, city of Novi, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

39. Letting of June 7, 2019
Letting Call: 1906 054
Project: STU 82000-203505
Local Agreement: 19-5269
Start Date: 10 days after award
Completion Date: May 29, 2020
- Prequalification Level:
\$1,634,000.00

0.79 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Greenfield Road from Rotunda Drive to Michigan Avenue (US-12) in the city of Dearborn, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

40. Letting of June 7, 2019
Letting Call: 1906 055
Project: STU 50000-132726
Local Agreement: 19-5264
Start Date: 10 days after award
Completion Date: June 15, 2020
- Prequalification Level:
\$1,293,000.00

0.38 mi of concrete reconstruction, concrete sidewalk, sidewalk ramps, drainage, sewer, signing and pavement markings on Martin Road in the city of St. Clair Shores, Macomb County. This is a Local Agency project.

6.00 % DBE participation required

41. Letting of June 7, 2019
Letting Call: 1906 056
Project: TAU 41000-205246
Local Agreement: 19-5258
Start Date: 10 days after award
Completion Date: June 15, 2020
- Prequalification Level:
\$755,000.00

0.75 mi of hot mix asphalt shared use path, concrete curb and gutter, drainage structures, storm sewer, street lighting and pavement marking on 3 Mile Road from Fuller Avenue to the east city limits of Grand Rapids in the city of Grand Rapids, Kent County. This is a Local Agency project.

3.00 % DBE participation required

42. Letting of June 7, 2019
Letting Call: 1906 057
Project: CM 33000-203409
Local Agreement: 19-5260
Start Date: 10 days after award
Completion Date: November 22, 2019
- Prequalification Level:
\$573,000.00

Traffic signal upgrades including optimization equipment and pavement markings on Lake Lansing Road at Coolidge Road in the city of East Lansing, Ingham County. This is a Local Agency project.

4.00 % DBE participation required

43. Letting of June 7, 2019
Letting Call: 1906 058
Project: STUL 54436-133179
Local Agreement: 19-5271
Start Date: 10 days after award
Completion Date: September 20, 2019
- Prequalification Level:
\$528,000.00

1.00 mi of hot mix asphalt resurfacing, concrete curb and gutter, signing and pavement markings on 15 Mile Road from 215th Avenue east to 205th Avenue, Mecosta County. This is a Local Agency project.

2.00 % DBE participation required

44. Letting of June 7, 2019
Letting Call: 1906 059
Project: STL 71000-202272
Local Agreement: 19-5268
Start Date: 10 days after award
Completion Date: October 21, 2019
- Prequalification Level:
\$518,000.00

1.50 mi of hot mix asphalt resurfacing, culverts, signing and pavement markings on County Road 451 from Noffze Highway north to County Road 638, Presque Isle County. This is a Local Agency project.

0.00 % DBE participation required

45. Letting of June 7, 2019
Letting Call: 1906 062
Project: NH 63000-132743 , ETC
Local Agreement: 19-5265
Start Date: 10 days after award
Completion Date: November 15, 2019
- Prequalification Level:
\$3,410,000.00

1.92 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer and pavement markings on West 14 Mile Road from Greenfield Road to Crooks Road in the cities of Royal Oak and Birmingham, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

46. Letting of June 7, 2019
Letting Call: 1906 063
Project: STL 61000-130491
Local Agreement: 19-5157
Start Date: 10 days after award
Completion Date: November 15, 2019
- Prequalification Level:
\$2,233,000.00

5.06 mi of hot mix asphalt cold-in-place recycling, cold milling and resurfacing, concrete curb and gutter, drainage, aggregate shoulders and approach work on Giles Road from Scenic Drive east to Whitehall Road, Muskegon County. This is a Local Agency project.

3.00 % DBE participation required

47. Letting of June 7, 2019
Letting Call: 1906 064
Project: STL 09000-206157
Local Agreement: 19-5256
Start Date: August 1, 2019
Completion Date: November 1, 2019
- Prequalification Level:
\$1,215,000.00

2.54 mi of hot mix asphalt base crushing and resurfacing, drainage, signs and pavement markings on 11 Mile Road from Bentley Road north to M-61, Bay County. This is a Local Agency project.

5.00 % DBE participation required

48. Letting of June 7, 2019
Letting Call: 1906 068
Project: TA 35000-131028 , ETC
Local Agreement: 19-5297
Start Date: 10 days after award
Completion Date: June 5, 2020
- Prequalification Level:
\$2,165,000.00

2.73 mi of hot mix asphalt shared use path, boardwalk, prefabricated steel bridges, concrete substructure, curb, gutter, sidewalk and ramps, steel sheet piling, piles, water main, drainage and pavement markings along River Road and Mill Street from Pine Crest Trail to US-23, Iosco County. This is a Local Agency project.

4.00 % DBE participation required

49. Letting of June 7, 2019
Letting Call: 1906 069
Project: MCS 25000-202398
Local Agreement: 19-5311
Start Date: July 8, 2019
Completion Date: June 1, 2020
- Prequalification Level:
\$1,853,000.00

Bridge replacement with 21-inch prestressed concrete box beams, steel piles, steel sheet piling, cofferdams, hot mix asphalt approach, concrete curb and gutter, sidewalk, drainage, sewer, guardrail and pavement markings on Linden Road over Swartz Creek, Genesee County. This is a Local Agency project.

0.00 % DBE participation required

AERONAUTICS

50. Letting of June 7, 2019
Letting Call: 1906 033
Project: FM 27564-201178
Local Agreement:
Start Date: June 1, 2020
Completion Date: 53 Calendar Days
- Prequalification Level:
\$5,082,000.00

Runway 9/27 Rehabilitation and Lighting Reconstruction at the Gogebic-Iron County Airport, city of Ironwood, Gogebic County.

3.00 % DBE participation required

51. Letting of June 7, 2019
Letting Call: 1906 034
Project: FM 72436-128968
Local Agreement:
Start Date: September 3, 2019
Completion Date: 41 Calendar Days
- Prequalification Level:
\$1,610,000.00

Rehabilitation of Runway 9/27 at the Roscommon County Airport, city of Houghton Lake, Roscommon County.

5.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director

OFFICE MEMORANDUM

DATE: May 24, 2019

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

Signed Original on File

Jack Cotter, CPA, CGMA
Commission Auditor

Attachments

cc: T. Hagon

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 2.01 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs, concrete curb, gutter and sidewalk, drainage structure repairs, traffic signal modifications, signing and pavement markings on M-51 from the Michigan/Indiana state line to Chestnut Drive, Berrien County.

Project Number: 11051-204201

Item Number: 1905 007

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$3,437,445.99 Low Bid: \$4,347,145.91 Difference: \$909,699.92 Percent: 26.46

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$3,437,445.99
Rieth-Riley Construction Co., Inc.	\$4,347,145.91
Michigan Paving and Materials Company	\$4,423,156.84

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were curb and gutter removal; pavement cleaning; hot mix asphalt items; lighting for night work; driveway maintenance and intersection maintenance. These items were bid higher than normal due to traffic restrictions and low-production work. This project has multiple construction stages, each with specific maintaining traffic requirements for lane closures and traffic shifts, which led to an increase in cost to the major items of work. Also, the schedule is based on a June 3, 2019 start date with completion in September, which may be difficult for the contractor to fit in mid-season with when factoring in other projects. Additionally, this project includes small quantities at various locations to perform repairs and maintain intersections and driveways. The low-production nature of this work led to increased prices. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of traffic restrictions and non-production work. This project received two bids, ranging from \$4,347,145.91 to \$4,423,156.84, which varied by just 1.75 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Kalamazoo TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Valsadia	C. Jacobs	K. Rothwell	W. Thompson	

BOD:DD:QA:RWC:raw

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 8.60 mi of hot mix asphalt cold milling and resurfacing on I-96 eastbound from west of Meridian Road to M-52, Ingham County. This project includes a 3 year materials and workmanship pavement warranty.

Project Number: 33084-132556-2

Item Number: 1905 008

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$2,383,440.02 Low Bid: \$2,997,803.84 Difference: \$614,363.82 Percent: 25.78

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,383,440.02
Michigan Paving and Materials Company	\$2,997,803.84
Rieth-Riley Construction Co., Inc.	\$4,671,027.92

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling hot mix asphalt surface and minor traffic devices. These items were bid higher than normal due to maintaining traffic constraints. The contractor must perform all work at night to minimize traffic impacts. Additionally, special liquidated damages have been included to have the roadway open to traffic for morning rush hour. These restrictions led to an increase in cost to the cold milling and minor traffic devices items. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic constraints. This project received two bids, ranging from \$2,997,803.84 to \$4,671,027.92, which varied by 55.81 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Lansing TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Spare	J. Early	J. Reid	D. Parker	

BOD:DD:QA:RWC:raw

DATE: May 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 6.95 mi of road rehabilitation including full depth concrete pavement repairs, longitudinal and transverse joint repairs, hot mix asphalt overlay, crack treatment, bridge rehabilitation on 12 structures including epoxy overlay, deck and rail patching, concrete joint resealing, steel repairs, beam repair, realign bearing, substructure replacement and repair, and pavement markings on I-94 from I-275 to Beech Daly Road in the cities of Romulus and Taylor, Wayne County. This project includes a 2 year concrete surface coating warranty and a 3 year materials and workmanship pavement warranty.

Project Number: 82022-115863

Item Number: 1905 009

Low Bidder: C. A. Hull Co., Inc.

Eng. Est: \$11,432,511.99 Low Bid: \$15,574,420.98 Difference: \$4,141,908.99 Percent: 36.23

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$11,432,511.99
C. A. Hull Co., Inc.	\$15,574,420.98

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were the hot mix asphalt items, minor traffic devices and the structures, rehabilitation, remove portions items. These items were bid higher than normal due to an aggressive construction schedule. All work, except for the concrete surface coating, must be completed before November 1st, and any costs incurred due to cold-weather protection will not be paid for separately. Several structures within this project have experienced rapid deterioration that did not exist two years ago. Work must be performed this year to ensure the safety of these structures. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of an aggressive construction schedule. This project received one bid of \$15,574,420.98. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Taylor TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
A. Mattson	W. Erben	S. Minton	K. Avery	M. Chynoweth

BOD:DD:QA:RWC:raw

DATE: May 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 3.81 mi of cold milling and hot mix asphalt resurfacing, sidewalk ramp construction, culvert replacement, guardrail modifications and pavement markings on business M-28 from US-41 to Gold Street in the cities of Ishpeming and Negaunee, Marquette County.

Project Number: 52081-201167

Item Number: 1905 011

Low Bidder: Payne & Dolan Inc.

Eng. Est: \$1,532,434.73 Low Bid: \$1,815,430.60 Difference: \$282,995.87 Percent: 18.47

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,532,434.73
Payne & Dolan Inc.	\$1,815,430.60
Bacco Construction Company	\$1,894,864.00

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; hot mix asphalt; sidewalk ramp; and traffic regulator control. These items were bid higher than normal due to the project location and maintaining traffic restrictions. The majority of work will take place in a downtown area with a multitude of intersections and businesses. To effectively maintain traffic, there are significant limitations on the lengths of the closures in those areas, shortening the extent of construction performed under each closure and decreasing production. For the sidewalk ramp item, there is limited space in which to work and store materials due to the proximity of buildings and their access points. Additional hand work for this item may be necessary, increasing costs. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the project location and maintaining traffic restrictions. This project received two bids of \$1,815,430.60 and \$1,894,864.00, which varied by 4.38 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Ishpeming TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Kauppila	A. Anderson	M. Maloney	A. Johnson	

BOD:DD:QA:DLP:raw



OFFICE MEMORANDUM

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.46 mi of intersection and pedestrian safety improvements and a bridge rehabilitation on I-696 eastbound at Service Drive and on Washington Avenue at M-1 in the cities of Royal Oak and Pleasant Ridge, Oakland County.

Project Number: 63102-204255

Item Number: 1905 042

Low Bidder: C. A. Hull Co., Inc.

Eng. Est: \$928,191.85 Low Bid: \$1,206,704.58 Difference: \$278,512.73 Percent: 30.01

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$928,191.85
C. A. Hull Co., Inc.	\$1,206,704.58
Z Contractors, Inc.	\$1,349,139.23
Anlaan Corporation	\$1,406,684.78

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were the hot mix asphalt items, minor traffic devices and the structures, rehabilitation, remove portions items. These items were bid higher than normal due to maintaining traffic constraints and a compressed construction schedule. The maintaining traffic was written to maintain as many lanes and turning movements as possible due to this being a major alternate route for I-75 traffic while under construction. The complexity of the staging to achieve this, as well as having a compressed schedule, likely caused an increase in cost to the minor traffic devices and major items of work. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic constraints and a compressed schedule. This project received three bids of \$1,206,704.58 through \$1,406,684.78, which varied by 16.57 percent. We believe that rejecting

this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Oakland TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Harrison	J. Pitt	S. Minton	K. Avery	M. Chynoweth

BOD:DD:QA:RWC:raw

DATE: May 13, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.08 mi of road reconstruction including hot mix asphalt resurfacing, concrete curb, gutter and sidewalks, watermain replacement, removal of existing railroad structure, construction of box culvert and pavement markings on M-85 over future shared use path and the Detroit River in the city of Detroit, Wayne County.

Project Number: 82071-110519

Item Number: 1905 076

Low Bidder: Z Contractors, Inc.

Eng. Est: \$3,282,787.79 Low Bid: \$4,173,803.05 Difference: \$891,015.26 Percent: 27.14

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$3,282,787.79
Z Contractors, Inc.	\$4,173,803.05
Dan's Excavating, Inc.	\$4,235,914.65
Toebe Construction LLC	\$4,387,198.49
C. A. Hull Co., Inc.	\$4,852,155.22

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices; structures, remove portions; precast concrete box culvert and high performance substructure concrete. These items were bid higher than normal due to a complex work site and expedited schedule. This project is located in a complex site, involving many risks. Work will occur directly above an active railroad tunnel and the site includes multiple active underground utilities. Additionally, the existing bridge to be demolished abuts a private building and access in the northwest quadrant is difficult, which makes the structure removal more complicated, increasing prices. Fabricators have a backlog of work for precast elements, so on time delivery of the culvert segments may be at risk of delay, causing an increase in that cost. Also, the project has an expedited progress schedule, so the complexity of the work site may lead to delays that could impact the already tight schedule. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a complex work site and expedited schedule. This project received four bids, ranging from \$4,173,803.05 to \$4,852,155.22, which varied by 16.25 percent. The two lowest bids varied by just 1.49 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Detroit TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Nadjarian	B. Yu	S. Minton	K. Avery	

BOD:DD:QA:RWC:raw

DATE: May 13, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.59 mi of hot mix asphalt cold milling and two course asphalt overlay, traffic signal, signing and pavement markings on I-94BL from west of Sycamore Street to west of Marshall Street, with traffic circle gapped out, in the city of Marshall, Calhoun County.

Project Number: 13042-204205

Item Number: 1905 078

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$624,218.96 Low Bid: \$787,325.02 Difference: \$163,106.06 Percent: 26.13

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$624,218.96
Rieth-Riley Construction Co., Inc.	\$787,325.02
Michigan Paving and Materials Company	\$795,471.38

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; hot mix asphalt; and minor traffic devices. These items were bid higher than normal due to maintaining traffic restrictions and the project schedule. In order to minimize the impact to traffic, most of the work must be completed during nighttime hours and for short durations. These limitations affect production and increase costs. Furthermore, a late in season short project schedule will affect the nighttime paving, potentially reducing the available paving dates, increasing costs. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic restrictions and the project schedule. This project received two bids of \$787,325.02 to \$795,471.38, which varied by 1.03 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Marshall TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
C. Hackworth	G. Finnila	K. Rothwell	W. Thompson	

BOD:DD:QA:SF:raw



OFFICE MEMORANDUM

DATE: May 13, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 2.07 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, pedestrian pushbutton and pavement markings on M-52 from north of Old US-12 to south of Werkner Road in the city of Chelsea, Washtenaw County.

Project Number: 81011-132609

Item Number: 1905 081

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$819,928.05 Low Bid: \$1,053,000.00 Difference: \$233,071.95 Percent: 28.43

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 819,928.05
Cadillac Asphalt, L.L.C.	\$1,053,000.00

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; hot mix asphalt; decorative hot mix asphalt crosswalk; sidewalk; and sidewalk removal. These items were bid higher than normal due to a unique item of work, maintaining traffic restrictions, and an urban environment. The decorative hot mix asphalt crosswalk is a unique item of work with limited bid history. To effectively maintain traffic, there are restrictions requiring work to be performed between the off-peak hours of 9:00 a.m. and 3:00 p.m., Monday through Thursday, and two weekend closures are being allowed for resurfacing. Additionally, this project is located along a tight corridor in a downtown area. These constraints limit production and increase costs. The estimator considered these factors when estimating his project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a unique item of work; maintaining traffic restrictions, and an urban environment. This project received one bid of \$1,053,000.00. We believe that rejecting this bid and re-letting this project

will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Brighton TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
L. Kirby	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.64 mi of hot mix asphalt reconstruction, concrete box culvert replacement, retaining wall, pavement, curb, gutter, sidewalk and ramps, earth excavation, aggregate base, storm sewer, signals and pavement markings on West Maple Road at Middlebelt Road, Oakland County.

Project Number: 63000-203651

Item Number: 1905 016

Low Bidder: Angelo Iafrate Construction Company

Eng. Est: \$5,670,157.05 Low Bid: \$6,695,203.36 Difference: \$1,025,046.31 Percent: 18.08

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$5,670,157.05
Angelo Iafrate Construction Company	\$6,695,203.36
Dan's Excavating, Inc.	\$6,873,222.37
Fonson Company, Inc.	\$6,932,407.12
Zito Construction	\$7,084,694.20

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were excavation earth; structure backfill; aggregate base 21AA; storm sewer; sanitary sewer; hot mix asphalt; concrete grade S2; and traffic control. These items were bid higher than normal due to the aggressive schedule. The contract consists of an expedited work schedule, the need for approval at the Road Commission for Oakland County Board meeting for the temporary closure of the road, and specific stages with milestone dates. The aggregate base items are unique items with little to no bid history. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the aggressive schedule and unique items. This project received four bids ranging from \$6,695,203.36 to \$7,084,694.20, which varied by 5.82 percent. The lowest two bids varied by 2.66 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Road Commission for Oakland County request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Schriner	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:SF:raw

DATE: May 10, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 3.15 mi of hot mix asphalt crushing, shaping and resurfacing on County Road 426 from west of the Delta county line to west of County Road SA, Marquette County.

Project Number: 52000-129801

Item Number: 1905 019

Low Bidder: Payne & Dolan Inc.

Eng. Est: \$1,062,147.50 Low Bid: \$1,495,305.74 Difference: \$433,158.24 Percent: 40.78

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,062,147.50
Payne & Dolan Inc.	\$1,495,305.74
Bacco Construction Company	\$1,640,552.14

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were precast concrete box culverts; hot mix asphalt; aggregate base; and minor traffic devices. These items were bid higher than normal due to the location and site conditions. The project, located in the Upper Peninsula, has limited resources to mobilize the work force, increasing the cost of transporting equipment and materials to the site. Furthermore, a high water table creates wet conditions, creating challenges when replacing the culverts. Also, part-width construction will be used, increasing costs associated with maintaining traffic. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the location and site conditions. This project received two bids of \$1,495,305.74 and \$1,640,552.14, which varied by 9.71 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Marquette County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Duell	J. Rautiola	M. Maloney	A. Johnson	

BOD:DD:QA:DLP:raw

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.32 mi of hot mix asphalt reconstruction, concrete curb and gutter, street lighting, sidewalks and restoration Central Street from Fifth Street to Third Street and along Fifth Street to Broad Street, Washtenaw County.

Project Number: 81000-203422

Item Number: 1905 033

Low Bidder: Fonson Company, Inc.

Eng. Est: \$1,191,696.65 Low Bid: \$1,468,388.00 Difference: \$276,691.35 Percent: 23.22

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,191,696.65
Fonson Company, Inc.	\$1,468,388.00
Bailey Excavating, Inc.	\$1,497,049.89
Dunigan Bros, Inc.	\$1,620,320.02

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt and storm sewer pipe. These items were bid higher than normal due to a tight project schedule and aging storm sewer system. The project is for a complete reconstruct of the street, including storm sewer replacement, some of which are deeper and tie back into an older system, placing additional risks for the contractor. In addition, the schedule is restricted by the school year. Once the project is awarded, work must be completed by August 31, 2019, to avoid school traffic. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a tight project schedule and unique site conditions related to the storm sewer system. This project received three bids, ranging from \$1,468,388.00 to \$1,620,320.02, which varied by 10.35 percent. The two lowest bids varied by 1.95 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the village of Dexter request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Chomas	J. Daavettila	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

DATE: May 23, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 2.07 mi of hot mix asphalt surface repairs, cold milling and resurfacing, aggregate shoulders, extend right turn lane, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage and pavement markings on Oakwood Road from M-15 (Ortonville Road) to Leece Road in the village of Ortonville, Oakland County.

Project Number: 63000-133176

Item Number: 1905 035

Low Bidder: Ace-Saginaw Paving Company

Eng. Est: \$565,139.05 Low Bid: \$648,274.76 Difference: \$83,135.71 Percent: 14.71

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$565,139.05
Ace-Saginaw Paving Company	\$648,274.76
Cadillac Asphalt, L.L.C.	\$712,176.70
Ajax Paving Industries, Inc.	\$732,806.46

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were shoulder 21AA; cold milling hot mix asphalt surface; and hot mix asphalt. These items were bid higher than normal due to an expedited work schedule, with all work done on or before July 3. Shoulder 21AA is a unique item with little bid history. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the expedited schedule and unique items. This project received three bids from \$648,274.76 to \$732,806.46, which varied by 13.04 percent. The lowest two bids varied by 9.86 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Road Commission for Oakland County request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Schriner	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:SF:raw

DATE: May 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 1.10 mi of application of gravel to existing gravel roadway, curb and gutter, earth and peat excavation, subgrade undercutting and drainage on South Sashabaw Road from Sherwood Road to Granger Road, Oakland County.

Project Number: 63000-203634

Item Number: 1905 039

Low Bidder: Zito Construction

Eng. Est: \$2,894,225.20 Low Bid: \$3,334,980.18 Difference: \$440,754.98 Percent: 15.23

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,894,225.20
Zito Construction	\$3,334,980.18
M. L. Chartier Excavating, Inc.	\$3,498,103.56
Angelo Iafrante Construction Company	\$3,632,414.10
Dan's Excavating, Inc.	\$4,251,468.28
Toebe Construction LLC	\$4,281,787.05

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were subgrade undercutting, 21AA; subgrade undercutting 3 by 1; biaxial geogrid; and course aggregate 3 by 1. These items were bid higher than normal due to expedited work schedule, a requirement for the contractor to obtain approval at the road commission's board meeting for the temporary road closure, and unique items. The subgrade undercutting and coarse aggregate items are new unique items, with little to no bid history. The project also has a relatively high-water table that adds risk for the site conditions to be wet during construction. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the expedited schedule, unique items, and high-water table. This project received five bids of \$3,334,980.18 through \$4,281,787.05, which varied by 28.39 percent. The lowest two bids varied by 4.89 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Road Commission for Oakland County request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Schriener	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:SF:raw

DATE: May 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 1.78 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, concrete curb and gutter, sidewalk ramps, culvert, sewer, drainage, guardrail and pavement markings on Carland Road from M-21 north to south of Wilkinson Road, Shiawassee County.

Project Number: 76555-127774

Item Number: 1905 045

Low Bidder: J & N Construction, LLC

Eng. Est: \$1,033,391.50 Low Bid: \$1,222,424.02 Difference: \$189,032.52 Percent: 18.29

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,033,391.50
J & N Construction, LLC	\$1,222,424.02
C L Trucking & Excavating, LLC	\$1,292,825.28
Michigan Paving and Materials Company	\$1,317,637.14
Zito Construction	\$1,321,406.00
Tri-City Groundbreakers, Inc.	\$1,602,376.00

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main item found to be higher than the engineer's estimate was minor traffic devices. This item was bid higher than normal due to maintaining traffic restrictions. This job includes a detour for through traffic and requires that one lane be maintained at-all-times during work periods. Additionally, the road must be completely open during non-work periods and access to each intersection within the construction site must be maintained at-all-times. The detour route is long and the requirements to maintain the route and maintain traffic within the construction site led to an increase in cost to minor traffic devices. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic restrictions. This project received five bids, ranging from \$1,222,424.02 to \$1,602,376.00, which varied by 31.08 percent. The two lowest bids varied by 5.76 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Shiawassee County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
D. Spencley	J. Welch	K. Zimmer	R. Ranck	

BOD:DD:QA:RWC:raw

DATE: May 10, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 9.45 mi of chip seal and fog seal with spot concrete sidewalk and ADA ramp upgrades on Elm Street from Cliff Street northward to Michigan Avenue and on Glenn Cross Road from Capital Avenue eastward to M-66, Calhoun County.

Project Number: 13000-130187

Item Number: 1905 046

Low Bidder: Pavement Maintenance Systems, LLC

Eng. Est: \$994,451.73 Low Bid: \$1,096,017.40 Difference: \$101,565.67 Percent: 10.21

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 994,451.73
Pavement Maintenance Systems, LLC	\$1,096,017.40
Fahrner Asphalt Sealers, L.L.C.	\$1,209,674.48

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were curb and gutter removal; single chip seal, type CM16; concrete sidewalk ramp, 6-inch; minor traffic devices; and traffic regulator control. These items were bid higher than normal due to a specialty item with very little bid history and small quantities, creating a lack of production. The single chip seal is modified from the standard pay item, with a special stone requirement and a lack of bid history for this item as modified. The curb removal and sidewalk ramps are in multiple locations throughout the project length, instead of a continuous run. This creates extra work for the contractor, lowering productivity. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a specialty item with very little bid history and small quantities, creating a lack of production. This project received two bids of \$1,096,017.40 and \$1,209,674.48, which varied by 10.37 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Battle Creek request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
G. Masinda	G. Finnila	K. Rothwell	W. Thompson	

BOD:DD:QA:SF:raw

DATE: May 21, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 2.00 mi of hot mix asphalt cold milling and resurfacing, conversion from 4 to 3 lanes including adding auxiliary turn lane, concrete curb, gutter and sidewalk ramps, shared use path, signing and pavement markings on Lake Lansing Road from Hagadorn Road to Saginaw Street (I-69BL) in the city of East Lansing, Ingham County.

Project Number: 33000-129899

Item Number: 1905 054

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$1,601,623.50 Low Bid: \$2,038,629.96 Difference: \$437,006.46 Percent: 27.29

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,601,623.50
Michigan Paving and Materials Company	\$2,038,629.96
Rieth-Riley Construction Co., Inc.	\$2,127,027.77

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; hot mix asphalt; minor traffic devices; and traffic regulator control. These items were bid higher than normal due to a multi-year construction. The project will be subdivided into segments that includes a portion of work that must be completed prior to November 9, 2019. The remaining segments will be started and be completed in the 2020 work season. With construction spread over two seasons, there is uncertainty regarding possible increases in material prices and wage increases during this timeframe. This creates additional risk for the contractor. In addition, the contractor may be expecting to set up traffic control devices and use traffic regulators more than anticipated. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of multi-year construction. This project received two bids of \$2,038,629.96 and \$2,127,027.77, which varied by 4.34 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Ingham County Road Department request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Chomas	J. Early	J. Reid	D. Parker	

BOD:DD:QA:DLP:raw

DATE: May 10, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 0.41 mi of construction of a roundabout and road reconstruction, sanitary sewer, water main, landscaping, traffic signal and street lighting on West Washington Avenue from Franklin Street westerly to Main Avenue in the city of Zeeland, Ottawa County.

Project Number: 70000-130732

Item Number: 1905 057

Low Bidder: Kamminga & Roodvoets, Inc.

Eng. Est: \$2,570,503.00 Low Bid: \$2,992,272.50 Difference: \$421,769.50 Percent: 16.41

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,570,503.00
Kamminga & Roodvoets, Inc.	\$2,992,272.50
Milbocker and Sons, Inc.	\$3,223,669.01
Connan, Inc.	\$3,291,802.77
Diversco Construction Company, Inc,	\$3,408,812.47

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were machine grading, modified; laying utility pipes; 15 inch sewer; 12 inch sewer; watermain; sand backfill; and minor traffic devices. These items were bid higher than normal due to the need to maintain access during construction. The machine grading modified requires extra work to maintain driveways to businesses by creating temporary driveways during construction. Also, there is a significant grade difference between the existing ground and proposed finished surface. This requires frequent earthwork manipulations to maintain access to the adjacent properties and businesses. Additionally, the extra work to maintain access affects watermain and sewer work and associated pay items. The contractor will need to restore the undercuts and excavations to no less than a 1 on 4 slope at the end of each working period. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the need to maintain access to adjacent properties and businesses during construction. This project received four bids, ranging from \$2,992,272.50 to \$3,408,812.47, which varied by 13.92 percent. The lowest two bids varied by 7.73 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Zeeland request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
G. Masinda	G. Zack	S. Rozema	E. Kind	

BOD:DD:QA:SF:raw

DATE: May 13, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: 10.15 mi of hot mix asphalt cold milling, ultra-thin overlay, culverts, drainage, joints repairs, guardrail and pavement markings on various routes, Monroe County.

Project Number: 58115-133374

Item Number: 1905 059

Low Bidder: Gerken Paving, Inc.

Eng. Est: \$1,732,428.00 Low Bid: \$1,936,408.71 Difference: \$203,980.71 Percent: 11.77

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,732,428.00
Gerken Paving, Inc.	\$1,936,408.71
Cadillac Asphalt, L.L.C.	\$1,941,103.69
Ajax Paving Industries, Inc.	\$2,696,911.19

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; ultrathin hot mix asphalt; and minor traffic devices. These items were bid higher than normal due to multiple sites. The resurfacing work involves five locations spread across Monroe County. Additional time and labor will be required to mobilize equipment along these roadways countywide, increasing costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple sites. This project received three bids, ranging from \$1,936,408.71 to \$2,696,911.19, which varied by 39.27 percent. The two lowest bids varied by just 0.24 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Monroe County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Chomas	J. Reid	J. Daavettila	D. Parker	

BOD:DD:QA:DLP:raw

DATE: May 13, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: Removal of hot mix asphalt surface and asbestos membrane, placement of waterproofing membrane and hot mix asphalt resurfacing, expansion joints and pavement markings on F-41 over Van Ettan Creek, on Rea Road over the AuSable River and on Kings Corner Road over the Pine River, Iosco County.

Project Number: 35000-202418

Item Number: 1905 067

Low Bidder: John Henry Excavating Inc.

Eng. Est: \$709,997.00 Low Bid: \$788,934.00 Difference: \$78,937.00 Percent: 11.12

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$709,997.00
John Henry Excavating Inc.	\$788,934.00
Milbocker and Sons, Inc.	\$963,037.30
Anlaan Corporation	\$998,430.84
Grand River Construction, Inc.	\$1,033,141.59
C. A. Hull Co., Inc.	\$1,092,265.10

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt, expansion joint device and steel structure cleaning. These items were bid higher than normal due to the location of the project. This structure is located over water and has containment requirements to ensure debris does not fall into the river during construction. Extra effort must be taken to ensure the bridge is properly contained. Additionally, it is unknown whether the existing structure material is hazardous or non-hazardous, making it harder to accurately estimate cost. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of work site constraints. This project received five bids ranging from \$788,934.00 to \$1,092,265.10, which varied by 38.45 percent. The two lowest bids varied by 22.07 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Iosco County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
R. Levine	D. Krentz	G. Deans	S. Thayer	

BOD:DD:QA:RWC:raw

DATE: May 15, 2019

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 3, 2019

Project Description: Bridge reconstruction with 17-inch prestressed concrete box beam, hot mix asphalt paving, aggregate base, riprap, slope restoration and approach work on County Road 551 (C-1) over Ten Mile Creek, Menominee County.

Project Number: 55000-133096

Item Number: 1905 069

Low Bidder: Hebert Construction Co.

Eng. Est: \$539,273.15 Low Bid: \$628,490.08 Difference: \$89,216.93 Percent: 16.54

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$539,273.15
Hebert Construction Co.	\$628,490.08
Zenith Tech, Inc.	\$933,543.26

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were minor traffic devices; superstructure concrete, form, finish and cure; prestressed concrete box beam; and structures, temporary, removal, modified. These items were bid higher than normal due to the construction and maintenance of a temporary bypass structure which will be used throughout the life of the project. The specific staging involved using this bypass requires installing and maintaining more traffic control devices than typically used on this type of project, leading to an increase in the cost of minor traffic devices. Additionally, a unique special provision used to remove the temporary bypass structure had no bid history, making it difficult to precisely predict the cost. Furthermore, this project has a tight timeline with an accelerated work schedule to complete the work required to construct the deck and fabricate the box beams, increasing the cost to the superstructure concrete and concrete box beam items. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a temporary bypass structure with no bid history and a tight construction schedule. This project received two bids, ranging from \$628,490.08 to \$933,543.26, which varied by 48.54 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Menominee County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
R. Levine	S. Cadeau	M. Maloney	A. Johnson	

BOD:DD:QA:RWC:raw

DATE: May 3, 2019

TO: Patrick McCarthy, Director
Bureau of Finance and Administration

FROM: Michael Trout, Executive Administrator
Office of Aeronautics

SUBJECT: **Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate**

Letting Date: March 1, 2019
Project Description: Rehabilitate runway 4/22 and electrical improvements at the Branch County Memorial Airport, city of Coldwater, Branch County
Project Number: 12231-125536
Item Number: 1903 079
Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$1,009,956.50 Low Bid: \$1,261,599.84 Difference: \$251,643.34 Percent: 24.92%

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 1,009,956.50
Michigan Paving and Materials Company	\$ 1,261,599.84
Rieth-Riley Construction Co., Inc.	\$ 1,740,684.85

EXPLANATION FOR DIFFERENCES

The Branch County runway 4-22 low bid (\$1,261,599.84) came in over the engineer's estimate (\$1,009,956.50) by approximately 25%. Upon analysis of the tabulation of bids, the Mobilization/Safety and Security lump sum items (\$417,001.59 total) are significantly higher than the engineer's estimate (\$150,000 total). The difference in the bid and estimate is most likely due to many circumstances.

One of those circumstances were the delays to the bid letting. The plans and specs were originally submitted to MDOT on 8/24/18 for a 11/2/18 bid letting. On 9/26/18, MDOT informed the airport and consultant that they made the decision to postpone the bid letting till early 2019 citing the 90-day wage rate and 49 day letter issues.

The bid letting was rescheduled for 2/1/19. At the pre-bid meeting, questions from the contractors resulted in the need for issuing an addendum. The State of Michigan closure during the week of February 28th because of weather, resulted in the addendum not being issued in time by MDOT. The bid letting was pulled and rescheduled again for 3/1/19.

The low bidder was contacted to discuss the cost of the project. The one element the contractor mentioned that led to an increase in the lump sum items was their schedule and general workload for the upcoming construction season. They have other airport projects scheduled for the same time frame that require similar equipment and resources.

Patrick McCarthy

Page 2

May 3, 2019

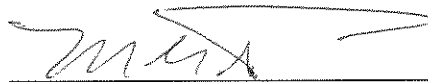
The contractor cited that because of the delay from February to March he saw increased costs from the subcontractors. The low bid earth work subcontractor from February did not submit a bid for the March letting due to the schedule filling. The electrical subcontractor increased their bid from February to March. It is impossible to determine an exact dollar amount that the bid delays cost the project, but the contractor confirmed an increase from February to March and the increase from November to March is likely to be significant.

OVERALL CONCLUSION

Although only two Contractors bid on this project, it is not likely that rebidding this project would result in lower bids.

The Office of Aeronautics requests that this project be awarded to the low bidder based on the above conclusion

SIGNED ORIGINAL ON FILE



Executive Administrator, Office of Aeronautics

cc: Larry Strzalka, Construction Contracts Section
Vera Warner, Bureau of Finance and Administration
Linda Bretz, Construction Contracts Section
Heather Stinson, Contracts Unit
Kalene Curtis, Contracts Unit
Rose Cousin, Executive Assistant
Marlon Pena, Program Manager, FAA
Betsy Steudle, Office of Aeronautics
Amanda Hopper, Office of Aeronautics
Ben Hoover, Mead and Hunt
Ron Dooley, Branch County Memorial Airport
File

DATE: May 13, 2019

TO: Patrick McCarthy, Director
Bureau of Finance and Administration

FROM: Michael Trout, Executive Administrator
Office of Aeronautics

SUBJECT: **Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate**

Letting Date: May 3, 2019
Project Description: Rehabilitate or Taxilanes Nos 1 thru 4 at Kirsch Municipal Airport, city of Sturgis, St. Joseph County
Project Number: 78132-125461-2
Item Number: 1905 001
Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$498,660.00 Low Bid: \$668,122.50 Difference: \$169,462.50 Percent: 33.98%

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 498,660.00
Michigan Paving and Materials Company	\$ 668,122.50
Rieth-Riley Construction Co., Inc.	\$ 750,145.40

EXPLANATION FOR DIFFERENCES

Upon analysis of the tabulations of bids, the following items were identified that notably exceed the estimated costs: Mobilization, Safety and Security, Shoulder Construction, and Portland Cement. The increased pay item bids are likely higher than anticipated due to economic growth. Contractors' schedules are full and smaller projects like this one are not as valuable to them.

There were also other Michigan airport projects let around this time which were higher than anticipated in Greenville and Lakeview.

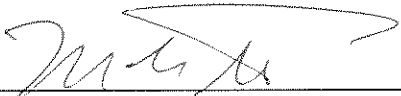
OVERALL CONCLUSION

Although only two Contractors bid on this project, it is not likely that rebidding this project would result in lower bids.

The Office of Aeronautics requests that this project be awarded to the low bidder based on the above conclusion

Patrick McCarthy
Page 2
May 13, 2019

SIGNED ORIGINAL ON FILE



Executive Administrator, Office of Aeronautics

cc: Larry Strzalka, Construction Contracts Section
Vera Warner, Bureau of Finance and Administration
Linda Bretz, Construction Contracts Section
Heather Stinson, Contracts Unit
Kalene Curtis, Contracts Unit
Rose Cousin, Executive Assistant
Marlon Pena, Program Manager, FAA
Betsy Steudle, Office of Aeronautics
Amanda Hopper, Office of Aeronautics
Gordy Bogner, Prein & Newhof
John Van Duinen, Prein & Newhof
Michael Hughes, Kirsch Municipal Airport
File

DATE: May 13, 2019

TO: Patrick McCarthy, Director
Bureau of Finance and Administration

FROM: Michael Trout, Executive Administrator
Office of Aeronautics

SUBJECT: **Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate**

Letting Date: May 3, 2019
Project Description: Surface treatment, joint and crack sealing, drainage, paint marking, HMA, and electrical on the Taxiway, Apron, and Hangar Taxilanes at Greenville Municipal Airport, city of Greenville, Montcalm County

Project Number: 59129-202052-2
Item Number: 1905 005
Low Bidder: Ameriseal of Ohio, Inc.

Eng. Est: \$560,000.00 Low Bid: \$642,256.30 Difference: \$82,256.30 Percent: 14.69%

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 560,000.00
Ameriseal of Ohio, Inc.	\$ 642,256.30

EXPLANATION FOR DIFFERENCES

A bid for the Greenville Municipal Airport rehabilitation project was received on May 3, 2019 through the MDOT letting process. Ameriseal of Ohio, Inc. was the only bidder with a bid of \$642,256.30 (14.69% over the estimate of \$560,000). A bid summary and tabulation with total cost (less MDOT Administration fees) is also enclosed.

Most of the overage can be attributed to two pay items, "Misc. Bituminous Surface Course HMA 4E3" and "Thermoplastic Coal Tar Emulsion Surface Treatment". These items were \$52,599.60 and \$32,200.00 over estimated costs. The HMA item difference is the result of a lack of economy of scale (fixed costs distributed over a small quantity) and volatility of petroleum material prices. The Thermoplastic material is also assumed to be over the estimate due to petroleum materials.

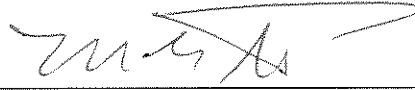
OVERALL CONCLUSION

Although only one Contractor bid on this project, it is not likely that rebidding this project would result in lower bids.

The Office of Aeronautics requests that this project be awarded to the low bidder based on the above conclusion

Patrick McCarthy
Page 2
May 13, 2019

SIGNED ORIGINAL ON FILE



Executive Administrator, Office of Aeronautics

cc: Larry Strzalka, Construction Contracts Section
Vera Warner, Bureau of Finance and Administration
Linda Bretz, Construction Contracts Section
Heather Stinson, Contracts Unit
Kalene Curtis, Contracts Unit
Rose Cousin, Executive Assistant
Marlon Pena, Program Manager, FAA
Betsy Steudle, Office of Aeronautics
Amanda Hopper, Office of Aeronautics
John Stroo, Prein & Newhof
George Bosanic, Greenville Municipal Airport
File

DATE: May 14, 2019

TO: Patrick McCarthy, Director
Bureau of Finance and Administration

FROM: Michael Trout, Executive Administrator
Office of Aeronautics

SUBJECT: **Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate**

Letting Date: May 3, 2019
Project Description: Terminal Apron Expansion at the Gerald R. Ford International Airport,
city of Grand Rapids, Kent County
Project Number: 411051-205501
Item Number: 1905 006
Low Bidder: Kamminga & Roodvoets, Inc.

Eng. Est: \$14,373,015.00 YR 2019 Low Bid: \$16,455,956.00 Difference: \$2,082,941.00 Percent: 14.49%

Eng. Est: \$14,761,850.75 YR 2020 Low Bid: \$16,357,496.25 Difference: \$1,595,645.50 Percent: 10.81%

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 14,373,015.00 YR 2019
Kamminga & Roodvoets, Inc.	\$ 16,455,956.00
Engineer's Estimate	\$ 4,761,850.75 YR 2020
Kamminga & Roodvoets, Inc.	\$ 16,357,496.25

EXPLANATION FOR DIFFERENCES

The single low bid submitted by Kamminga & Roodvoets, Inc. has been reviewed and was found to be in order. The low bid submitted is 14.49% above the Engineer's Opinion of Construction Cost for Section 1 2019 Construction and 10.81% above the Engineer's Opinion of Construction Cost for Section 2 2020 Construction. Based on preliminary review of the bids, two primary areas of concern have been noted. First, the project received only a single bid. Second, both Section 1 and Section 2 exceeded the Engineer's Opinion of Cost by more than 10%.

In an effort to obtain competitive bids from multiple contractors, the following items were completed:

1. The advertisement was placed in the State of Michigan Department of Transportation E-proposal bid service.
2. An on-site pre-bid meeting was held on April 11, 2019 @ 10:00am at Gerald R. Ford International Airport. Six paving contractors and general contractors attended the meeting.

This provides evidence of competitive bidding and cost reasonableness.

Analysis of the tabulation of bids found a few items that were notably exceeding the estimated costs:


- The majority of the difference between the low bid and the Engineer's Opinion of Construction Cost is due to four (4) bid items: Portland Cement Concrete Pavement, 16 inch; Aggregate Base Course; Mobilization and General Conditions; and Safety and Security.
 - The lump sum price for the Line Item 10/890 Mobilization and General Conditions line item is approximately 20% above the Engineer's Opinion of Construction Cost. Due to market conditions. The bid amount is 11% of the total construction value and was estimated 10.4% of the overall construction value. Overall, based on the higher overall construction cost, this value is in line with expected values for this type of project. The lump sum price for Line Item 20/900 Safety Security is more than two times higher than the Engineer's Opinion of Construction Cost. Due to the complexity of the security requirements for this project, combined with the market conditions a higher than expected cost was bid.
 - The unit price for Line Item 540/1410 Portland Cement Concrete Pavement, 16" inch (\$90/SY) is approximately 20% above the Engineer's Opinion of Construction Cost. The higher than expected cost is likely the result of a lack of available resources in the contracting market due to other large-scale concrete projects in the state in 2019 and 2020.
 - The unit price for Line Item 460/1330 Misc. Aggregate Base Course, Material as Specified (\$75/SY) is approximately twice the Engineer's Opinion of Construction Cost. This higher than expected unit cost is likely an issue where the local aggregate suppliers do not have materials available to meet the proposed specifications required for airfield pavements. This will result in the materials having to be sourced from a non-local quarry and transported long distances to the airport, increasing transportation costs.

OVERALL CONCLUSION

Although only one Contractor bid on this project, it is not likely that rebidding this project would result in lower bids.

The Office of Aeronautics requests that this project be awarded to the low bidder based on the above conclusion

SIGNED ORIGINAL ON FILE


Executive Administrator, Office of Aeronautics

cc: Larry Strzalka, Construction Contracts Section
Vera Warner, Bureau of Finance and Administration
Carol Rademacher, Bureau of Finance and Administration
Linda Bretz, Construction Contracts Section
Heather Stinson, Contracts Unit

Patrick McCarthy

411051-205501

Page 3

May 14, 2019

Kalene Curtis, Contracts Unit

Rose Cousin, Executive Assistant

Betsy Steudle, Office of Aeronautics

Amanda Hopper, Office of Aeronautics

Robert Koller, C & S Companies

Clinton Nemeth, Gerald R. Ford International Airport

File

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

May 31, 2019

STATE PROJECTS

1. Letting of May 3, 2019
 Letting Call: 1905 007
 Project: GF19 11051-204201
 Local Agreement:
 Start Date: June 3, 2019
 Completion Date: September 6, 2019
- Low Bid: **\$4,347,145.91**
 Engineer Estimate: \$3,437,445.99
 Pct Over/Under Estimate: 26.46 %

2.01 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs, concrete curb, gutter and sidewalk, drainage structure repairs, traffic signal modifications, signing and pavement markings on M-51 from the Michigan/Indiana state line to Chestnut Drive, Berrien County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc.	\$4,347,145.91	Same	1 **
Michigan Paving and Materials	\$4,423,156.84	Same	2

Total Number of Bidders: 2

2. Letting of May 3, 2019
 Letting Call: 1905 008
 Project: IM 33084-132556-2
 Local Agreement:
 Start Date: June 1, 2019
 Completion Date: August 16, 2019
- Low Bid: **\$2,997,803.84**
 Engineer Estimate: \$2,383,440.02
 Pct Over/Under Estimate: 25.78 %

8.60 mi of hot mix asphalt cold milling and resurfacing on I-96 eastbound from west of Meridian Road to M-52, Ingham County. This project includes a 3-year materials and workmanship pavement warranty.

2.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$2,997,803.84	Same	1 **
Rieth-Riley Construction Co., Inc.	\$4,671,027.92	Same	2

Total Number of Bidders: 2

3. Letting of May 3, 2019
 Letting Call: 1905 009
 Project: IM 82022-115863, ETC
 Local Agreement:
 Start Date: May 1, 2019
 Completion Date: May 1, 2020

Low Bid: **\$15,574,420.98**
 Engineer Estimate: \$11,432,511.99
 Pct Over/Under Estimate: 36.23 %

6.95 mi of road rehabilitation including full depth concrete pavement repairs, longitudinal and transverse joint repairs, hot mix asphalt overlay, crack treatment, bridge rehabilitation on 12 structures including epoxy overlay, deck and rail patching, concrete joint resealing, steel repairs, beam repair, realign bearing, substructure replacement and repair, and pavement markings on I-94 from I-275 to Beech Daly Road in the cities of Romulus and Taylor, Wayne County. This project includes a 2-year concrete surface coating warranty and a 3-year materials and workmanship pavement warranty.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
C. A. Hull Co., Inc.	\$15,574,420.98	Same	1 **

Total Number of Bidders: 1

4. Letting of May 3, 2019
 Letting Call: 1905 011
 Project: ST 52081-201167
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: October 11, 2019

Low Bid: **\$1,815,430.60**
 Engineer Estimate: \$1,532,434.73
 Pct Over/Under Estimate: 18.47 %

3.81 mi of cold milling and hot mix asphalt resurfacing, sidewalk ramp construction, culvert replacement, guardrail modifications and pavement markings on business M-28 from US-41 to Gold Street in the cities of Ishpeming and Negaunee, Marquette County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Payne & Dolan Inc.	\$1,815,430.60	Same	1 **
Bacco Construction Company	\$1,894,864.00	Same	2

Total Number of Bidders: 2

5. Letting of May 3, 2019
 Letting Call: 1905 042
 Project: HSIP 63102-204255
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: June 20, 2020

Low Bid: **\$1,206,704.58**
 Engineer Estimate: \$928,191.85
 Pct Over/Under Estimate: 30.01 %

0.46 mi of intersection and pedestrian safety improvements and a bridge rehabilitation on I-696 eastbound at Service Drive and on Washington Avenue at M-1 in the cities of Royal Oak and Pleasant Ridge, Oakland County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
C. A. Hull Co., Inc.	\$1,206,704.58	Same	1 **
Z Contractors, Inc.	\$1,349,139.23	Same	2
Anlaan Corporation	\$1,406,684.78	Same	3

Total Number of Bidders: 3

6. Letting of May 3, 2019
 Letting Call: 1905 076
 Project: BRT 82071-110519
 Local Agreement: 15-5482
 Start Date: 10 days after award
 Completion Date: November 15, 2019

Low Bid: **\$4,173,803.05**
 Engineer Estimate: \$3,282,787.79
 Pct Over/Under Estimate: 27.14 %

0.08 mi of road reconstruction including hot mix asphalt resurfacing, concrete curb, gutter and sidewalks, watermain replacement, removal of existing railroad structure, construction of box culvert and pavement markings on M-85 over future shared use path and the Detroit River in the city of Detroit, Wayne County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Z Contractors, Inc.	\$4,173,803.05	Same	1 **
Dan's Excavating, Inc.	\$4,235,914.65	Same	2
Toebe Construction LLC	\$4,387,198.49	Same	3
C. A. Hull Co., Inc.	\$4,852,155.22	Same	4

Total Number of Bidders: 4

7. Letting of May 3, 2019
 Letting Call: 1905 078
 Project: GF19 13042-204205
 Local Agreement: 19-5163
 Start Date: September 9, 2019
 Completion Date: November 1, 2019
- Low Bid: **\$787,325.02**
 Engineer Estimate: \$624,218.96
 Pct Over/Under Estimate: 26.13 %

0.59 mi of hot mix asphalt cold milling and two course asphalt overlay, traffic signal, signing and pavement markings on I-94BL from west of Sycamore Street to west of Marshall Street, with traffic circle gapped out, in the city of Marshall, Calhoun County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc.	\$787,325.02	Same	1 **
Michigan Paving and Materials Company	\$795,471.38	Same	2

Total Number of Bidders: 2

8. Letting of May 3, 2019
 Letting Call: 1905 081
 Project: ST 81011-132609
 Local Agreement:
 Start Date: July 8, 2019
 Completion Date: November 15, 2019
- Low Bid: **\$1,053,000.00**
 Engineer Estimate: \$819,928.05
 Pct Over/Under Estimate: 28.43 %

2.07 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, pedestrian pushbutton and pavement markings on M-52 from north of Old US-12 to south of Werkner Road in the city of Chelsea, Washtenaw County. This project includes a 3-year materials and workmanship pavement warranty.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Cadillac Asphalt, L.L.C.	\$1,053,000.00	Same	1 **

Total Number of Bidders: 1

LOCAL PROJECTS

9. Letting of May 3, 2019
 Letting Call: 1905 016
 Project: NH 63000-203651
 Local Agreement: 19-5184
 Start Date: June 17, 2019
 Completion Date: October 8, 2021
- Low Bid: **\$6,695,203.36**
 Engineer Estimate: \$5,670,157.05
 Pct Over/Under Estimate: 18.08 %

0.64 mi of hot mix asphalt reconstruction, concrete box culvert replacement, retaining wall, pavement, curb, gutter, sidewalk and ramps, earth excavation, aggregate base, storm sewer, signals and pavement markings on West Maple Road at Middlebelt Road, Oakland County. This is a Local Agency project.

6.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Angelo lafrate Construction Company	\$6,695,203.36	Same	1 **
Dan's Excavating, Inc.	\$6,873,222.37	Same	2
Fonson Company, Inc.	\$6,932,407.12	Same	3
Zito Construction	\$7,084,694.20	Same	4

Total Number of Bidders: 4

10. Letting of May 3, 2019
 Letting Call: 1905 019
 Project: STL 52000-129801
 Local Agreement: 19-5129
 Start Date: 10 days after award
 Completion Date: October 15, 2019
- Low Bid: **\$1,495,305.74**
 Engineer Estimate: \$1,062,147.50
 Pct Over/Under Estimate: 40.78 %

3.15 mi of hot mix asphalt crushing, shaping and resurfacing on County Road 426 from west of the Delta county line to west of County Road SA, Marquette County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Payne & Dolan Inc.	\$1,495,305.74	Same	1 **
Bacco Construction Company	\$1,640,552.14	Same	2

Total Number of Bidders: 2

11. Letting of May 3, 2019
 Letting Call: 1905 033
 Project: STU 81000-203422
 Local Agreement: 19-5159
 Start Date: 10 days after award
 Completion Date: November 2, 2019
- Low Bid: **\$1,468,388.00**
 Engineer Estimate: \$1,191,696.65
 Pct Over/Under Estimate: 23.22 %

0.32 mi of hot mix asphalt reconstruction, concrete curb and gutter, street lighting, sidewalks and restoration on Central Street from Fifth Street to Third Street and along Fifth Street to Broad Street, Washtenaw County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Fonson Company, Inc.	\$1,468,388.00	Same	1 **
Bailey Excavating, Inc.	\$1,497,049.89	Same	2
Dunigan Bros, Inc.	\$1,620,320.02	Same	3

Total Number of Bidders: 3

12. Letting of May 3, 2019
 Letting Call: 1905 035
 Project: STUL 63000-133176
 Local Agreement: 19-5179
 Start Date: 10 days after award
 Completion Date: May 1, 2020
- Low Bid: **\$648,274.76**
 Engineer Estimate: \$565,139.05
 Pct Over/Under Estimate: 14.71 %

2.07 mi of hot mix asphalt surface repairs, cold milling and resurfacing, aggregate shoulders, extend right turn lane, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage and pavement markings on Oakwood Road from M-15 (Ortonville Road) to Leece Road in the village of Ortonville, Oakland County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Ace-Saginaw Paving Company	\$648,274.76	Same	1 **
Cadillac Asphalt, L.L.C.	\$712,176.70	Same	2
Ajax Paving Industries, Inc.	\$732,806.46	Same	3

Total Number of Bidders: 3

13. Letting of May 3, 2019
 Letting Call: 1905 039
 Project: STU 63000-203634
 Local Agreement: 19-5185
 Start Date: 10 days after award
 Completion Date: June 19, 2020
- Low Bid: **\$3,334,980.18**
 Engineer Estimate: \$2,894,225.20
 Pct Over/Under Estimate: 15.23 %

1.10 mi of application of gravel to existing gravel roadway, curb and gutter, earth and peat excavation, subgrade undercutting and drainage on South Sashabaw Road from Sherwood Road to Granger Road, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Zito Construction	\$3,334,980.18	Same	1 **
M. L. Chartier Excavating, Inc.	\$3,498,103.56	Same	2
Angelo Iafrate Construction Company	\$3,632,414.10	Same	3
Dan's Excavating, Inc.	\$4,251,468.28	Same	4
Toebe Construction LLC	\$4,281,787.05	Same	5

Total Number of Bidders: 5

14. Letting of May 3, 2019
 Letting Call: 1905 045
 Project: STL 76555-127774
 Local Agreement: 19-5187
 Start Date: 10 days after award
 Completion Date: May 25, 2020
- Low Bid: **\$1,222,424.02**
 Engineer Estimate: \$1,033,391.50
 Pct Over/Under Estimate: 18.29 %

1.78 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, concrete curb and gutter, sidewalk ramps, culvert, sewer, drainage, guardrail and pavement markings on Carland Road from M-21 north to south of Wilkinson Road, Shiawassee County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
J & N Construction, LLC	\$1,222,424.02	Same	1 **
C L Trucking & Excavating, LLC	\$1,292,825.28	Same	2
Michigan Paving and Materials Company	\$1,317,637.14	Same	3
Zito Construction	\$1,321,406.00	Same	4
Tri-City Groundbreakers, Inc.	\$1,602,376.00	Same	5

Total Number of Bidders: 5

15. Letting of May 3, 2019
 Letting Call: 1905 046
 Project: STUL 13000-130187
 Local Agreement: 19-5202
 Start Date: 10 days after award
 Completion Date: August 31, 2020
- Low Bid: **\$1,096,017.40**
 Engineer Estimate: \$994,451.73
 Pct Over/Under Estimate: 10.21 %

9.45 mi of chip seal and fog seal with spot concrete sidewalk and ADA ramp upgrades on Elm Street from Cliff Street northward to Michigan Avenue and on Glenn Cross Road from Capital Avenue eastward to M-66, Calhoun County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Pavement Maintenance Systems, LLC	\$1,096,017.40	Same	1 **
Fahrner Asphalt Sealers, L.L.C.	\$1,209,674.48	Same	2

Total Number of Bidders: 2

16. Letting of May 3, 2019
 Letting Call: 1905 054
 Project: STU 33000-129899, ETC
 Local Agreement: 19-5150
 Start Date: 10 days after award
 Completion Date: October 30, 2020
- Low Bid: **\$2,038,629.96**
 Engineer Estimate: \$1,601,623.50
 Pct Over/Under Estimate: 27.29 %

2.00 mi of hot mix asphalt cold milling and resurfacing, conversion from 4 to 3 lanes including adding auxiliary turn lane, concrete curb, gutter and sidewalk ramps, shared use path, signing and pavement markings on Lake Lansing Road from Hagadorn Road to Saginaw Street (I-69BL) in the city of East Lansing, Ingham County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$2,038,629.96	Same	1 **
Rieth-Riley Construction Co., Inc.	\$2,127,027.77	Same	2

Total Number of Bidders: 2

17. Letting of May 3, 2019
 Letting Call: 1905 057
 Project: HSIP 70000-130732, ETC
 Local Agreement: 19-5207
 Start Date: 10 days after award
 Completion Date: October 15, 2020
- Low Bid: **\$2,992,272.50**
 Engineer Estimate: \$2,570,503.00
 Pct Over/Under Estimate: 16.41 %

0.41 mi of construction of a roundabout and road reconstruction, sanitary sewer, water main, landscaping, traffic signal and street lighting on West Washington Avenue from Franklin Street westerly to Main Avenue in the city of Zeeland, Ottawa County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Kamminga & Roodvoets, Inc.	\$2,992,272.50	Same	1 **
Milbocker and Sons, Inc.	\$3,223,669.01	Same	2
Connan, Inc.	\$3,291,802.77	Same	3
Diversco Construction Company, Inc.	\$3,408,812.47	Same	4

Total Number of Bidders: 4

18. Letting of May 3, 2019
 Letting Call: 1905 059
 Project: STL 58115-133374, ETC
 Local Agreement: 19-5193
 Start Date: 10 days after award
 Completion Date: November 2, 2019
- Low Bid: **\$1,936,408.71**
 Engineer Estimate: \$1,732,428.00
 Pct Over/Under Estimate: 11.77 %

10.15 mi of hot mix asphalt cold milling, ultra-thin overlay, culverts, drainage, joints repairs, guardrail and pavement markings on various routes, Monroe County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Gerken Paving, Inc.	\$1,936,408.71	Same	1 **
Cadillac Asphalt, L.L.C.	\$1,941,103.69	Same	2
Ajax Paving Industries, Inc.	\$2,696,911.19	Same	3

Total Number of Bidders: 3

19. Letting of May 3, 2019
 Letting Call: 1905 067
 Project: BHT 35000-202418
 Local Agreement: 19-5190
 Start Date: 10 days after award
 Completion Date: October 31, 2019
- Low Bid: **\$788,934.00**
 Engineer Estimate: \$709,997.00
 Pct Over/Under Estimate: 11.12 %

Removal of hot mix asphalt surface and asbestos membrane, placement of waterproofing membrane and hot mix asphalt resurfacing, expansion joints and pavement markings on F-41 over Van Ettan Creek, on Rea Road over the AuSable River and on Kings Corner Road over the Pine River, Iosco County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
John Henry Excavating Inc.	\$788,934.00	Same	1 **
Milbocker and Sons, Inc.	\$963,037.30	Same	2
Anlaan Corporation	\$998,430.84	Same	3
Grand River Construction, Inc.	\$1,033,141.59	Same	4
C. A. Hull Co., Inc.	\$1,092,265.10	Same	5

Total Number of Bidders: 5

20. Letting of May 3, 2019
 Letting Call: 1905 069
 Project: BO 55000-133096
 Local Agreement: 19-5181
 Start Date: 10 days after award
 Completion Date: September 30, 2019
- Low Bid: **\$628,490.08**
 Engineer Estimate: \$539,273.15
 Pct Over/Under Estimate: 16.54 %

Bridge reconstruction with 17-inch prestressed concrete box beam, hot mix asphalt paving, aggregate base, riprap, slope restoration and approach work on County Road 551 (C-1) over Ten Mile Creek, Menominee County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Hebert Construction Co.	\$628,490.08	Same	1 **
Zenith Tech, Inc.	\$933,543.26	Same	2

Total Number of Bidders: 2

AERONAUTICS PROJECTS

21. Letting of March 1, 2019
Letting Call: 1903 079
Project: FM 12231-125536-2
Local Agreement:
Start Date: July 1, 2019
Completion Date: 29 Calendar Days

Low Bid: **\$1,261,599.84**
Engineer Estimate: \$1,009,956.50
Pct Over/Under Estimate: 24.92 %

Rehab of Runway 4/22 & Electrical Improvements at the Branch County Memorial Airport, city of Coldwater, Branch County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$1,261,599.84	Same	1 **
Rieth-Riley Construction Co., Inc.	\$1,740,687.85	Same	2

Total Number of Bidders: 2

22. Letting of May 3, 2019
Letting Call: 1905 001
Project: FM 78132-125461-2
Local Agreement:
Start Date: June 3, 2019
Completion Date: 27 Calendar Days

Low Bid: **\$668,122.50**
Engineer Estimate: \$498,660.00
Pct Over/Under Estimate: 33.98 %

Rehabilitation of Taxilanes Nos 1 thru 4 at Kirsch Municipal Airport, city of Sturgis, St. Joseph County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$668,122.50	Same	1 **
Rieth-Riley Construction Co., Inc.	\$750,145.40	Same	2

Total Number of Bidders: 2

23. Letting of May 3, 2019
 Letting Call: 1905 005
 Project: FM 59129-202052-2
 Local Agreement:
 Start Date: June 3, 2019
 Completion Date: 30 Calendar Days
- Low Bid: **\$642,256.30**
 Engineer Estimate: \$560,000.00
 Pct Over/Under Estimate: 14.69 %

Surface treatment, joint and crack sealing, drainage, paint marking, HMA, and electrical on the Taxiway, Apron, and Hangar Taxilanes at Greenville Municipal Airport, city of Greenville, Montcalm County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Ameriseal of Ohio, Inc.	\$642,256.30	Same	1 **

Total Number of Bidders: 1

24. Letting of May 3, 2019
 Letting Call: 1905 006
 Project: FM 411051-205501
 Local Agreement:
 Start Date: July 1, 2019
 Completion Date: 179 Calendar Days
- Low Bid: **\$32,813,452.25**
 Engineer Estimate: \$29,134,865.75
 Pct Over/Under Estimate: 12.63 %

Terminal Apron Expansion at the Gerald R. Ford International Airport, city of Grand Rapids, Kent County. See Special Provision for Project Bidding Requirements and Award for more information. After the low bid determination is made, all contract payments and management of the project will be through the Gerald R. Ford International Airport Authority.

6.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Kamminga & Roodvoets, Inc.	\$32,813,452.25	Same	1 **

Total Number of Bidders: 1

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
 Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

May 31, 2019

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

LOCAL PROJECT

- | | |
|--|---|
| <p>1. Letting of May 3, 2019
 Letting Call: 1905 026
 Project: HSIP 25000-203177
 Local Agreement: 19-5143
 Start Date: June 3, 2019
 Completion Date: June 28, 2019</p> | <p>Low Bid: \$249,866.10
 Engineer Estimate: \$230,279.10
 Pct Over/Under Estimate: 8.51 %</p> |
|--|---|

0.40 mi of hot mix asphalt cold milling and resurfacing, high friction surface treatment, guardrail, signing, culvert repair and pavement markings on Torrey Road from Crane Road to Lahring Road, Genesee County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Ace-Saginaw Paving Company	\$249,866.10	Same	1 **

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director